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Regional annotated mycobiotas new to the Mycotaxon website

Abstract—Mycotaxon is pleased to announce two new species distribution lists to our 'web-list' page covering diversity of wood-inhabiting aphyllophoraceous basidiomycetes on the island of Cyprus (by Loizides) and saprobic asexual microfungi from the tropical cloud forest of Veracruz, México (by Arias, Heredia & Castañeda-Ruiz). This brings to 127 the number of free access mycobiotas now available on the Mycotaxon website: http://www.mycotaxon.com/resources/weblists.html

Europe

Cyprus

Michael Loizides. Diversity of wood-inhabiting aphyllophoraceous basidiomycetes. 27 p.

Abstract—The diversity of wood-inhabiting aphyllophoraceous basidiomycetes on the island of Cyprus is explored in this paper, following a ten-year inventory between 2007 and 2016. A total of one-hundred-and-eight taxa are reported, fifty-eight of which constitute new records for the country. Twenty-two species occurring on the narrow-endemic golden oak of Cyprus (*Quercus alnifolia*) are documented for the first time on this host. Collections of *Laetiporus sulphureus* sensu lato from *Ceratonia* and *Eucalyptus* are phylogenetically analysed and revealed to belong to a distinct clade likely representing an undescribed species. Among the newly reported taxa, of particular interest are *Amaurodon viridis*, *Asterostroma ochroleucum*, *Byssomerulius hirtellus*, *Crustoderma dryinum*, *Dendrocorticium polygonioides*, *Postia inocybe*, *P. simani*, *Steccherinum ciliolatum*, and *S. oreophilum*, all of which are considered rare and are seldom reported in literature. The aggressive conifer pathogens *Heterobasidion annosum* and *Porodaedalea pini* are also rare and do not appear to have a significant impact on the island's pine-dominated forests. *Fuscoporia torulosa*, on the other hand, is commonly encountered on sclerophyllous vegetation and should be closely monitored. Previous aphyllophoraceous records from the island are critically discussed and re-evaluated, with old and new data compiled in the form of an annotated checklist, to include notes on the substrate, fruiting season, altitude, and estimated abundance.

North America

Mexico

Rosa María Arias, Gabriela Heredia & Rafael F. Castañeda-Ruiz. Checklist of saprobic asexual microfungi from the tropical montane cloud forest of Veracruz, México. 48 p.

Abstract— A checklist comprising 355 species and 190 genera of asexual microfungi associated with plant debris collected in different localities of the tropical montane cloud forest of Veracruz, Mexico, is presented based on literature and fresh specimens. Annotations (lists of studied material and locations) are accompanied by illustrations of 31 species. A total 101 taxa are recorded for the Mexican mycobiota for the first time.